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## Biotic Earth™ Hydraulic Growth Mediums (HGM) Application Rates

To maximize performance and ease in use the following quantities of the Verdyol EarthBound® 2000 or EarthBound® Scientific for each of the following Biotic Earth™ products are recommended. EarthBound® Pro is premixed/prepackaged in the Biotic Earth™ BFM, FRM, & HGM.

Biotic Earth™ HGMs	Slope Gradient (H:V)	HGM Recommended Application Rates lbs/acre (kg/ha)	EarthBound® Recommended Application Rates For Sandy Soil Conditions	EarthBound® Recommended Application Rates For Clay Soil Conditions For extremely compacted clays some tillage may be required prior to application.
<b>Biotic Earth™ HGM</b> For use in areas where organic matter content is < 5% but greater than 2%.	≤ 6:1	1500 (1686)	EarthBound® 2000 15 lbs/A or 0.5 lbs/bag	EarthBound® 2000 30 lbs/A or 1.0 lbs/bag
	>6:1 - <3:1	2000 (2248)	EarthBound® 2000 20 lbs/A or 0.5 lbs/bag	EarthBound® 2000 60 lbs/A or 1.5 lbs/bag
	≥3:1 - ≤2:1	2500 (2810)	EarthBound® Scientific 25 lbs/A or 0.5 lbs/bag	EarthBound® Scientific 50 lbs/A or 1.0 lbs/bag
	> 2:1	3000 (3372)	EarthBound® Scientific 60 lbs/A or 1.0 lbs/bag	EarthBound® Scientific 90 lbs/A or 1.5 lbs/bag
<b>Biotic Earth™ Black</b> For use in areas where organic matter content is < 2%.	6:1 up to 3:1	3500 (3933) or greater depending on required soil conditioning.	EarthBound® 2000 35 lbs/A or 0.5 lbs/bag	EarthBound® 2000 70 lbs/A or 1.0 lbs/bag
	≥3:1 up to 2:1 or highly erosive conditions.	3500 (3933) or greater depending on required soil conditioning.	EarthBound® Scientific 70 lbs/A or 1.0 lbs/bag	EarthBound® Scientific 140 lbs/A or 2.0 lbs/bag
<b>Biotic Earth™ BFM, FRM &amp; HGM</b>	Up to 1:1 and extremely erosive conditions.	3500 (3933)	EarthBound® Pro Premixed	EarthBound® Pro Premixed
<b>All HGMs when used in conjunction with a rolled erosion control product.</b>		1000 (1124) or as required. Contact Verdyol Plant Research for site specific recommendations.	EarthBound® 2000 10 lbs/A or 0.5 lbs/bag	For soil infilling of turf reinforcement mats. 2500 lbs/A (2248 kg/Ha) and EarthBound® Scientific at 70 lbs/A or 1.5 lbs/bag

All application rates noted are general guidelines. Additional considerations like rainfall intensity and soil type should be considered prior to use of any Biotic Earth™ product. Additional EarthBound material may be applied direct to the soil surface prior to Biotic Earth™ application to further improve soil erosion control performance.

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